



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Varco Pruden Buildings, a Division of BlueScope Buildings NA, Inc.
3200 Players Club Circle
Memphis, TN 38125

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 0.023" (min.) / 0.029" (min.) Galvalume Steel Standing Seam Roof (SSR) Panel

APPROVAL DOCUMENT: Drawing No. VP SSR1, titled "VP SSR Panel (24" wide x 24 ga./22 ga. Steel), sheets 1 through 7 of 7, prepared by Varco Pruden Buildings, Inc., signed and sealed by Larry L. Boozer, P.E., on October 31, 2016, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, Rainsville, AL; Evansville, WI and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA #03-0206.13 and consists of this page 1, evidence submitted pages E-1, E-2, and E-3 as well as approval document mentioned above

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



Helmy A. Makar
11/10/2016

NOA No 16-0802.07
Expiration Date: 11/10/2021
Approval Date: 11/10/2016
Page 1

Varco Pruden Buildings, a Division of BlueScope Buildings NA, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 99-0719.05

A. DRAWINGS

1. *Drawing number VP SSR Roof Submittal, titled "VP SSR ROOF SUBMITAL ", dated September 21, 1999, last revision #2 dated November 4, 1999, sheets 1 through 8 of 8, signed and sealed by Larry Marshall, P.E.*

B. TESTS


1. *Resistance to wind driven rain, per PA 100-95, prepared by Architectural Testing Inc., Report No. 01-33389.02, dated 06/22/99, signed and sealed by Allen N. Reeves, P.E.*
2. *Test report on Large Missile Impacts, per PA 201-94, prepared by Architectural Testing Inc., Report No. 01-33389.04, dated 06/22/99, signed and sealed by Allen N. Reeves, P.E.*
3. *Susceptibility to leakage test in accordance with Miami-Dade County Protocol PA 114 Appendix G, prepared by Architectural Testing Inc., Report No. 01-33389.05, dated 06/22/99, signed and sealed by Allen N. Reeves, P.E.*
4. *Test report on Uniform static air pressure loading, per ASTM E 1592, prepared by Architectural Testing Inc., Report No. 01-33389.07, dated 06/23/99, signed and sealed by Allen N. Reeves, P.E.*
5. *Test report on Salt Spray Testing, per ASTM B117-90, prepared by Architectural Testing Inc., Report No. 01-33389.08, dated 06/23/99, signed and sealed by Allen N. Reeves, P.E.*
6. *Test report on Accelerated Testing of Coating 2000 hours per ASTM G23, prepared by Architectural Testing Inc., Report No. 01-33389.09, dated 09/23/99, signed and sealed by Allen N. Reeves, P.E.*

C. CALCULATIONS

1. *Calculation titled "Section properties calculated for 24 ga. SSR Panel in accordance with AISI Cold Formed Steel Design Manual 1996" dated July 13, 1999, signed and sealed by Larry Marshall, P.E.*
2. *Calculation titled "Section properties calculated for 24 ga. SSR Panel in accordance with AISI Cold Formed Steel Design Manual 1996 Calculation Verified by Alternate" dated July 13, 1999, signed and sealed by Larry Marshall, P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Test Report issued by Bethlehem Steel Corporation, dated 05/06/98, with chemical composition and mechanical properties of galvalume steel.*
2. *Tensile Test Report No. 01-33389.01, prepared by Architectural Testing Inc., Report No. 01-33389.01, dated 03/11/99, signed and sealed by Allen N. Reeves, P.E.*


Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0206.13

A. DRAWINGS

1. *Drawing No. VP SSR Roof Submittal, titled "VP SSR Roof Submittal", sheets 1 through 8 of 8, prepared by VP Buildings, Inc., signed and sealed by Charles A. Haslebacher, P.E., dated September 21, 1999, last revision #3 dated February 18, 2003, sheet 1 of 8, and revision #2 dated November 4, 1999, sheets 2 through 8 of 8.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

E. STATEMENTS

1. *Letter issued by VP Buildings, Inc., dated February 18, 2003, signed and sealed by Charles A. Haslebacher, P.E., stating that the only change is update General Note numbers 1 & 2 to reference the Florida Building Code and ASCE 7-98.*


3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. VP SSR1, titled "VP SSR Panel (24" wide x 24 ga./22 ga. Steel), sheets 1 through 7 of 7, prepared by Varco Pruden Buildings, Inc., signed and sealed by Larry L. Boozer, P.E., on October 31, 2016.*

B. TESTS

1. *Test report on Resistance to wind driven rain, per PA 100-95, prepared by Farabaugh Engineering and Testing, Inc., Report No. T229-16, dated 06/30/2016, signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Test report on Large Missile Impacts, per PA 201-94, prepared by Farabaugh Engineering and Testing, Inc., Report No. T219-16, dated 05/31/2016, signed and sealed by Daniel G. Farabaugh, P.E.*



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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. *Susceptibility to leakage test, per FM 4471, Appendix G, prepared by Farabaugh Engineering and Testing, Inc., **Report No. T230-16**, dated 06/30/2016, signed and sealed by Daniel G. Farabaugh, P.E.*
4. *Test report on Uniform static air pressure loading, per TAS 125-03 (ASTM E 1592, prepared by Farabaugh Engineering and Testing, Inc., **Report No. T211-16**, dated 05/31/2016, signed and sealed by Daniel G. Farabaugh, P.E.*
5. *Test report on Uniform static air pressure loading, per TAS 125-03 (ASTM E 1592, prepared by Farabaugh Engineering and Testing, Inc., **Report No. T212-16**, dated 05/31/2016, signed and sealed by Daniel G. Farabaugh, P.E.*
6. *Test report on Salt Spray Testing, per ASTM B117-11, prepared by Construction Materials Technologies, Report No. VLS-005-02-01, dated 12/14/2012.*
7. *Test report on Accelerated Testing of Coating 2000 hours per ASTM G26-96, prepared by Construction Materials Technologies, Report No. VLS-004-02-01, dated 02/12/2013.*

C. CALCULATIONS

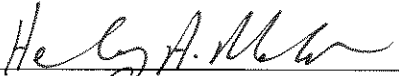
1. *Calculation titled "Structural Design Data", 60 pages, signed and sealed by Larry L. Boozer, P.E., on 07/29/2016.*

D. QUALITY ASSURANCE

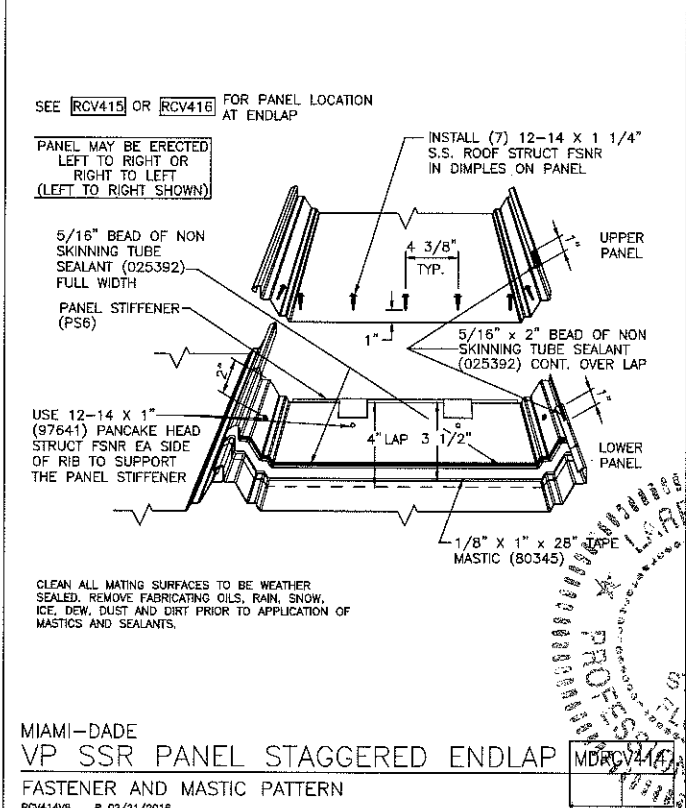
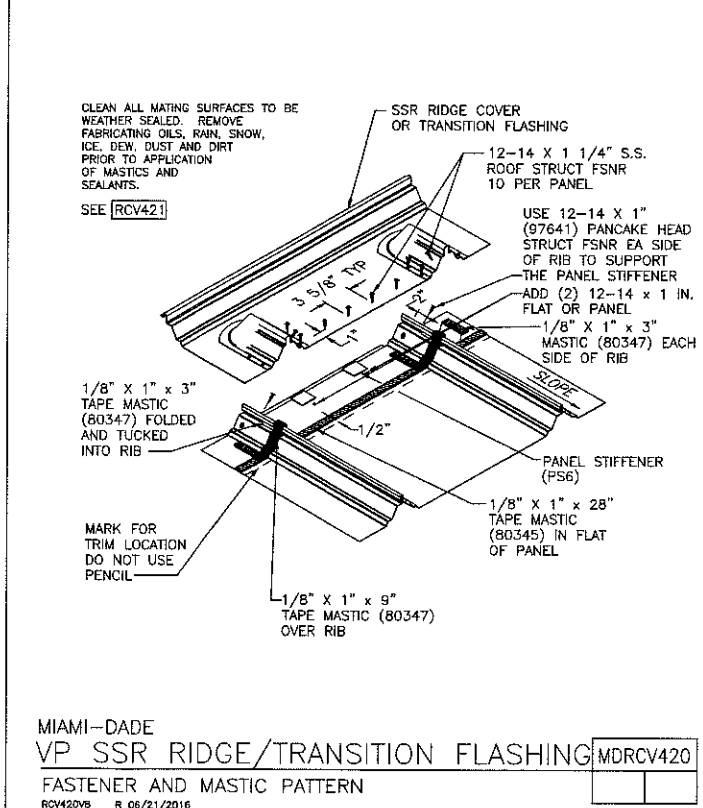
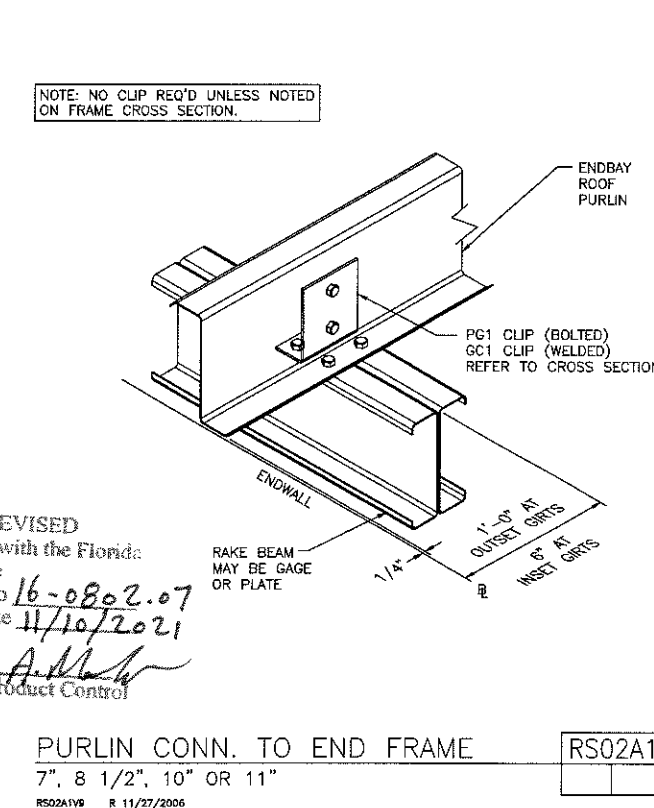
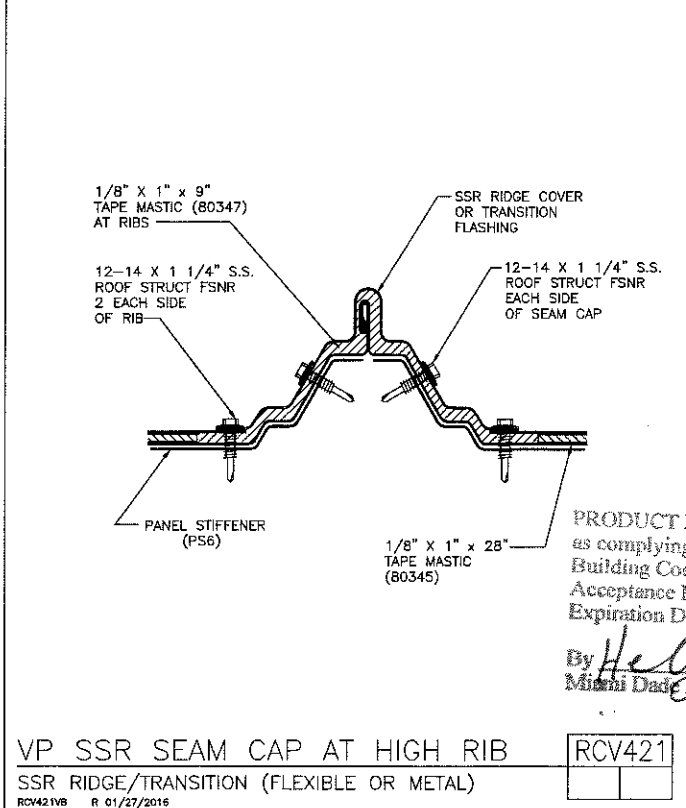
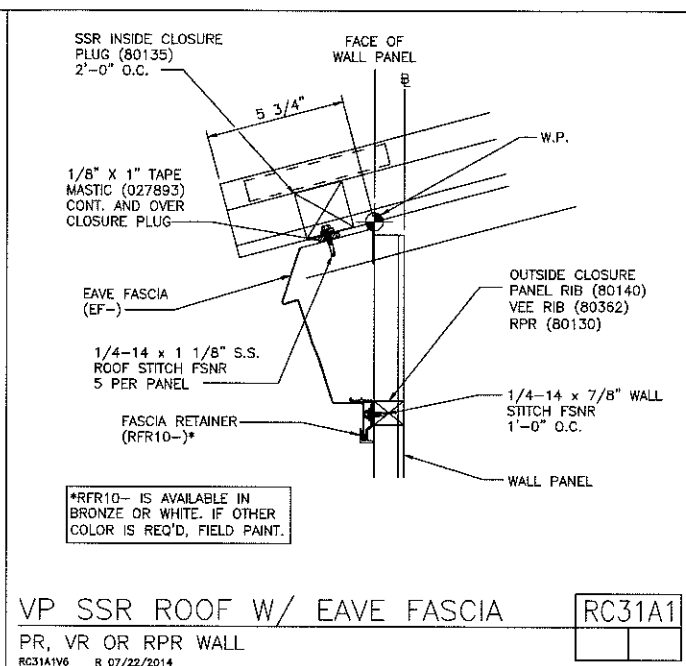
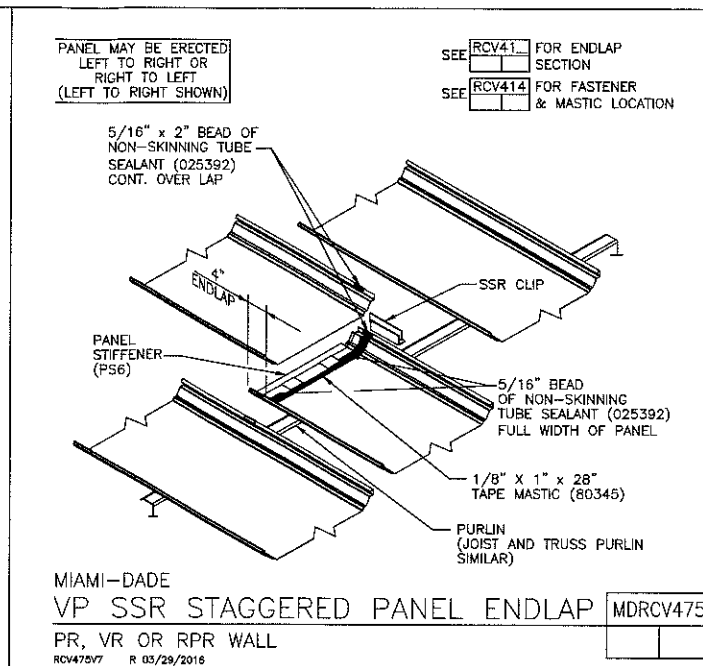
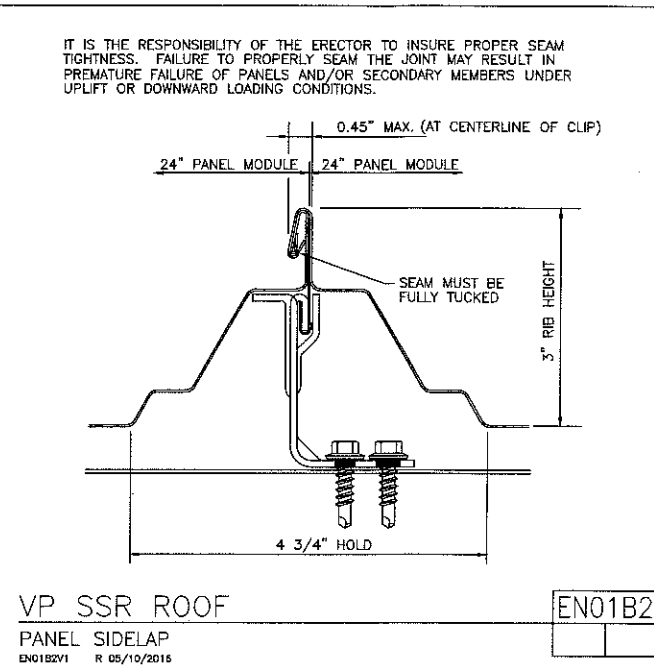
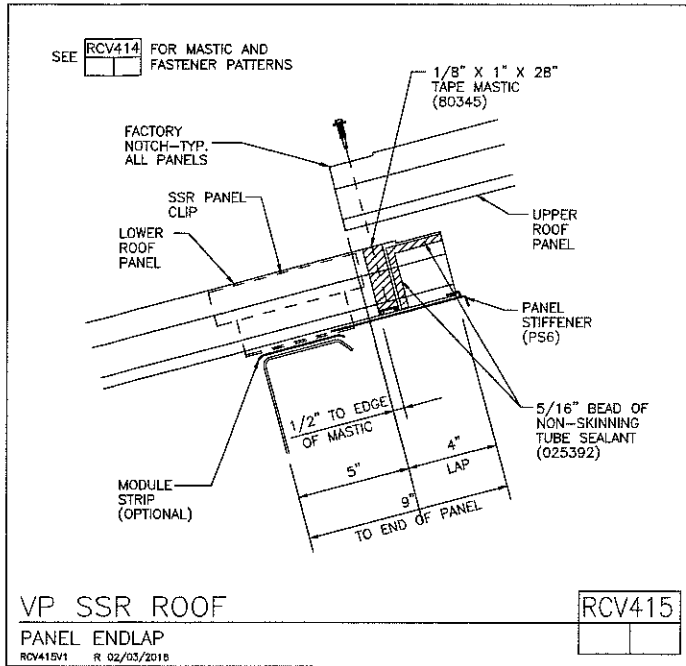
1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *Tensile Test **Report No. T211-16**, dated 05/31/2016, signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Tensile Test **Report No. T212-16**, dated 05/31/2016, signed and sealed by Daniel G. Farabaugh, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No 16-0802.07
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NOTE: THIS PANEL SHALL BE USED FOR ROOF CONSTRUCTION ONLY. FRAMING AND DETAILS SHOWN REPRESENT ACTUAL CONSTRUCTION DETAILS IN FIELD AND FOR TEST SPECIMENS USED IN TESTING TAS125-03 STANDARDS TAS201, TAS100 AND FM4471 APP. G. SIZES OF TEST APPARATUS VARY, REFER TO SPECIFIC TEST FOR SAMPLE SIZE. EACH ACTUAL ROOF PROJECT SHALL BE CONSTRUCTED USING THE SAME DETAILS SHOWN ON THESE DRAWINGS. INCLUDING: A) DETAILS OF ALL VP SSR SECTIONS WITH DIMENSIONS AND THICKNESS; B) ASSEMBLY DETAILS INCLUDING ALL CONNECTIONS; C) FASTENER DIAGRAM WITH THE SIZE AND LOCATION; D) PANEL MATERIAL CHARACTERISTICS.

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REV	DATE	BY	DESCRIPTION

NTS

Varco Pruden Buildings, a division of BlueScope Buildings North America, Inc. 3200 Players Club Circle Memphis TN 38125

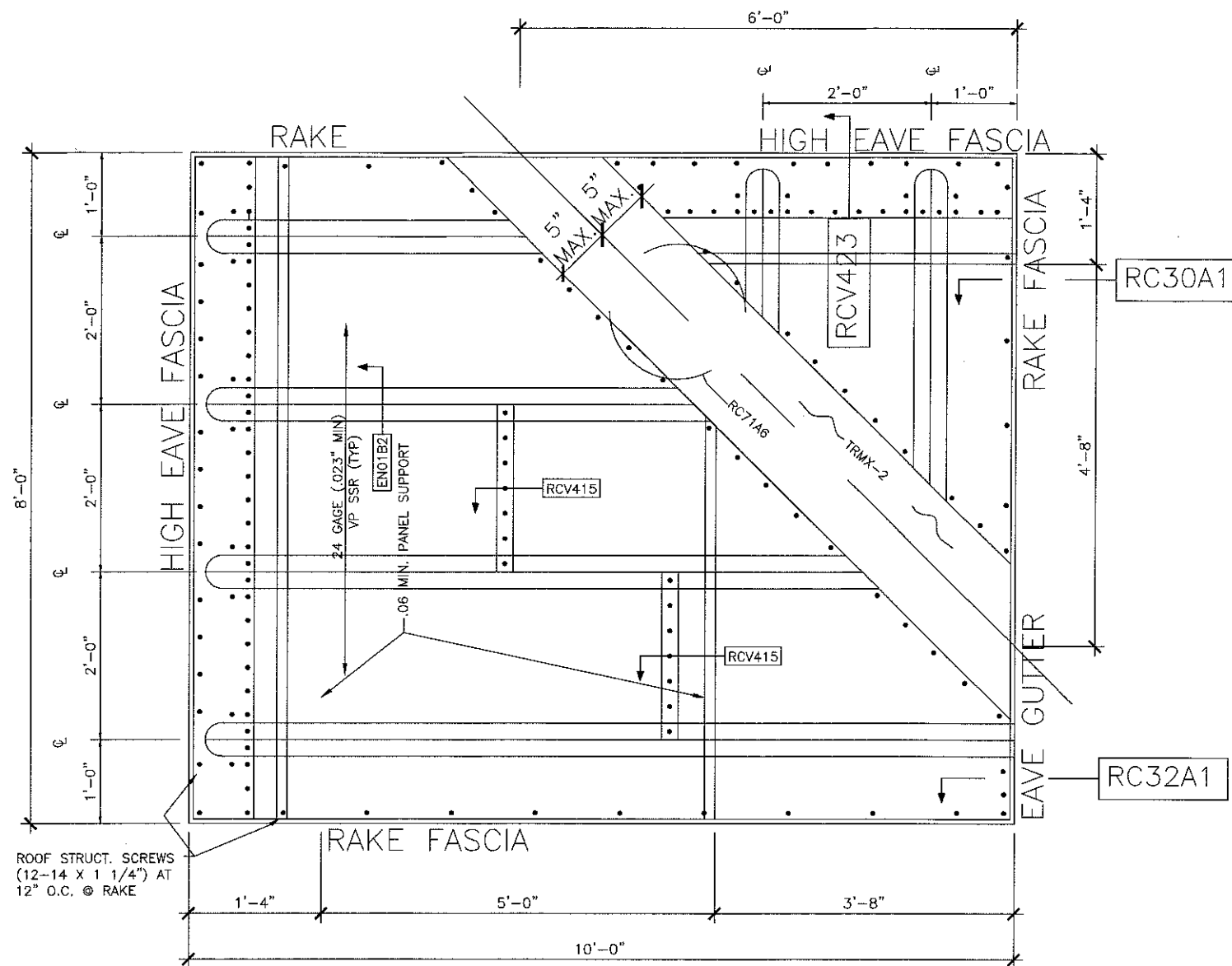
VP SSR PANEL (24" WIDE x 24 GA./ 22 GA. STEEL)

BUILDER	CUSTOMER
LOCATION	PROJECT
BUILDERS PO#	

DRAWING NO. FLPSSR1
DATE 09/01/09
DRAWN/CHECK THL / AYS
PAGE 3 OF 7

A BlueScope Steel Company
VPC VERSION: 7.1c

LARRY L. BOOZER, P.E.
No. 44236
VP BUILDINGS, INC.
7031 ALBERT PICK RD., SUITE 200
GREENSBORO, NC 27409



VP SSR systems consists of 24 GA. (0.023" min.) or 22 GA. (0.029" min.) 3" x 24" steel structural roof panel. VP SSR panels are factory-formed and field-machined seamed in place yielding a single unit membrane. Thermal compensating concealed clips connect the panels to secondary structural members which with sealants, mastics, closures, trim and flashing provide a weathertight and finished appearance. VP SSR panels provide 24" wide net coverage and have 3" high major ribs. Minimum roof pitch is 0.25:12.

Roof panel mechanical properties:

Galvalume and galvanized steel coil used in roll formed or press broken roof covering generally will be material based on the requirements of ASTM A792 SS, Class 1 or 4 Gr. 50 for galvalume and A653 for galvanized. The minimum yield strength $F_y = 58,662$ psi for 24 Ga. and 59,771 psi for 22 Ga., tensile strength $F_u = 73,200$ psi for 24 Ga. and 70,032 psi for 22 Ga.

Roof panel coatings and/or finishes consist of the following:

- (1.) Galvalume AZ55 an aluminum-zinc alloy coating thickness of approximately .0018" applied to both sides of base metal.
- (2.) Galvalume AZ50 an aluminum-zinc alloy coating thickness of approximately .0016" applied to both sides of base metal.
- (3.) Galvanized G90 a zinc coating thickness of approximately .0015" applied to both sides of base metal.
- (4.) Galvalume AZ55 may or may not have a KXL coating.
- (5.) Galvalume AZ50 and Galvanized G90 must have a KXL coating.

Fasteners:

Exposed fasteners are self drilling, stainless steel-capped with integral sealing washer. Color of fastener heads match the roof panel finish when specified. Concealed fasteners for roof clip to roof secondary are self drilling. Location size and quantities as specified in details. Fasteners are manufactured by ITW Buildex, 1349 West Manor Ave., Itasca, IL 60143

Closures, Mastics, and Sealants:

Closures, formed to match roof panel profiles are supplied as required or specified to provide weathertightness. Closures are of a coated coil material, normally EPDM (ethylene-propylene-duene-monomre) in a gray or neutral color. Closures are manufactured by Hanna Rubber Company Inc. 1511 Baltimore Ave. Kansas City, MO 64108. Preformed tape mastics, and/or non-skinning tube sealants are supplied for the sidelaps and endlaps of all Varco-Pruden roof coverings. Tape mastic is preformed butyl rubber-based compound. The compound is non-hardening, non-corrosive to metal and has excellent adhesion properties. Tape mastic is white or light gray in color. Tape mastic is manufactured by Sika Corp. 30800 Stephenson Hwy. Madison Heights, MI 48071. Tube sealant is a synthetic elastomer based material. Sealant color is gray or bronze. Tube sealant is manufactured by Sika Corp. 30800 Stephenson Hwy. Madison Heights, MI 48071.

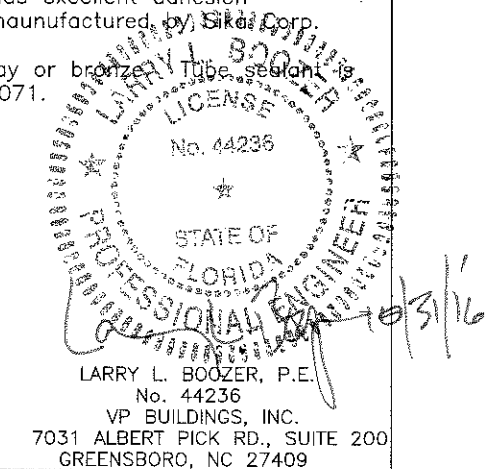
PRODUCT REVISED

as complying with the Florida Building Code

Acceptance No. 16-0802.07

Expiration Date 11/10/2021

By *Heidi A. Miller*
Miami Dade Product Control



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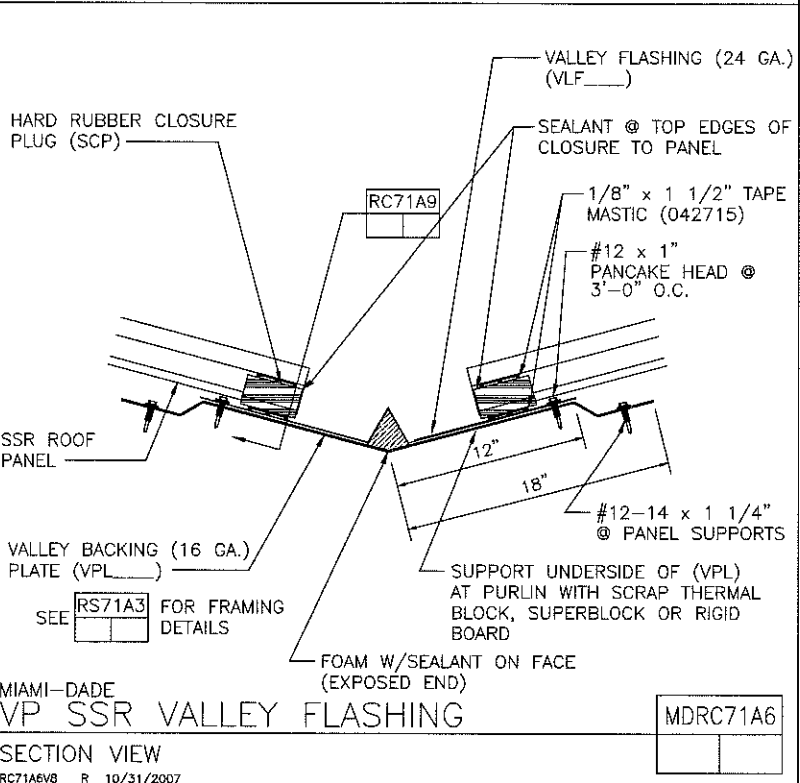
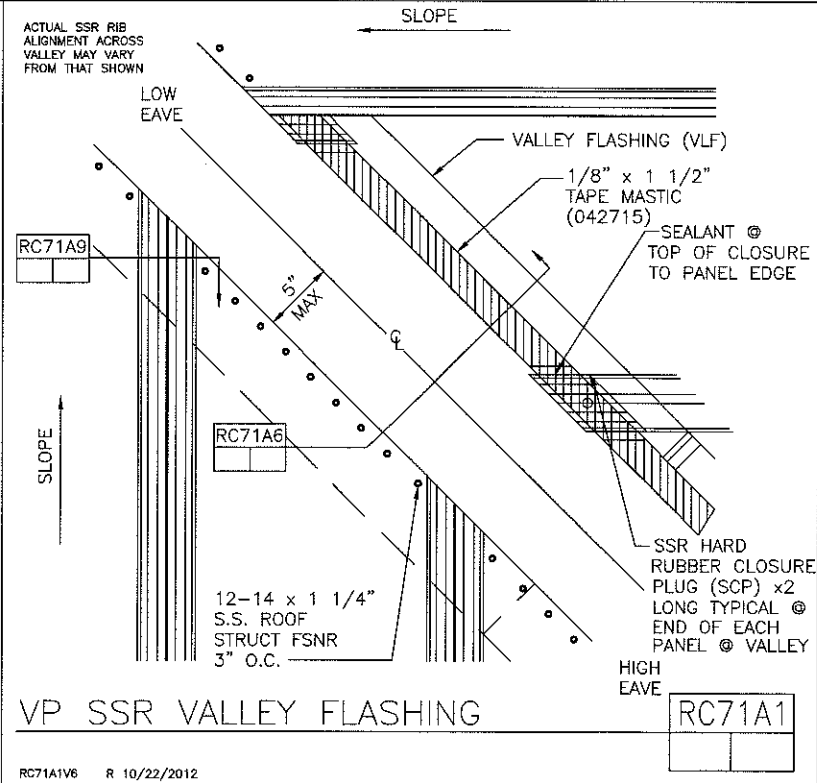
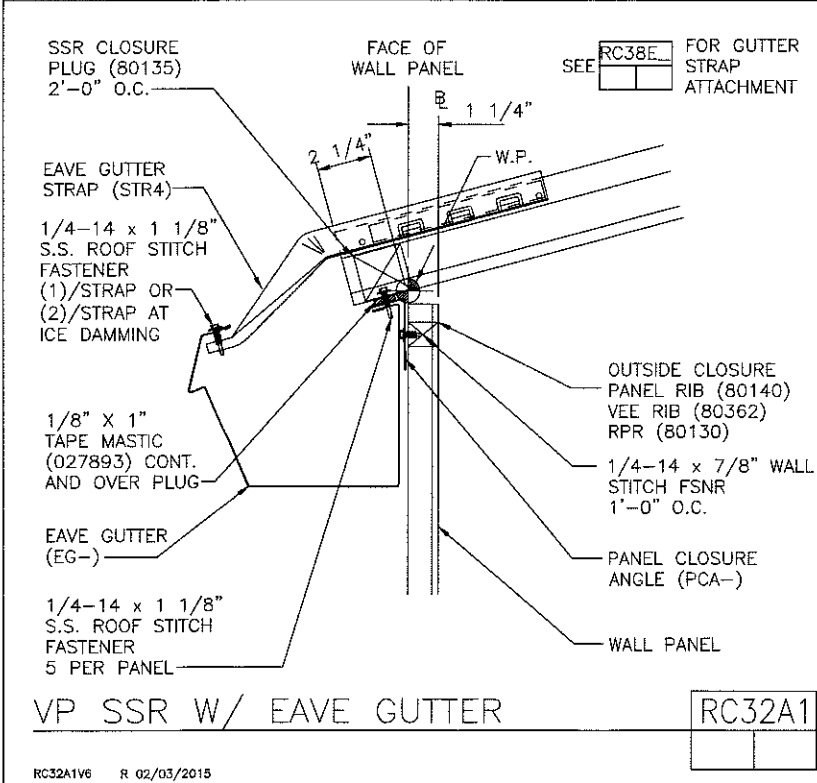
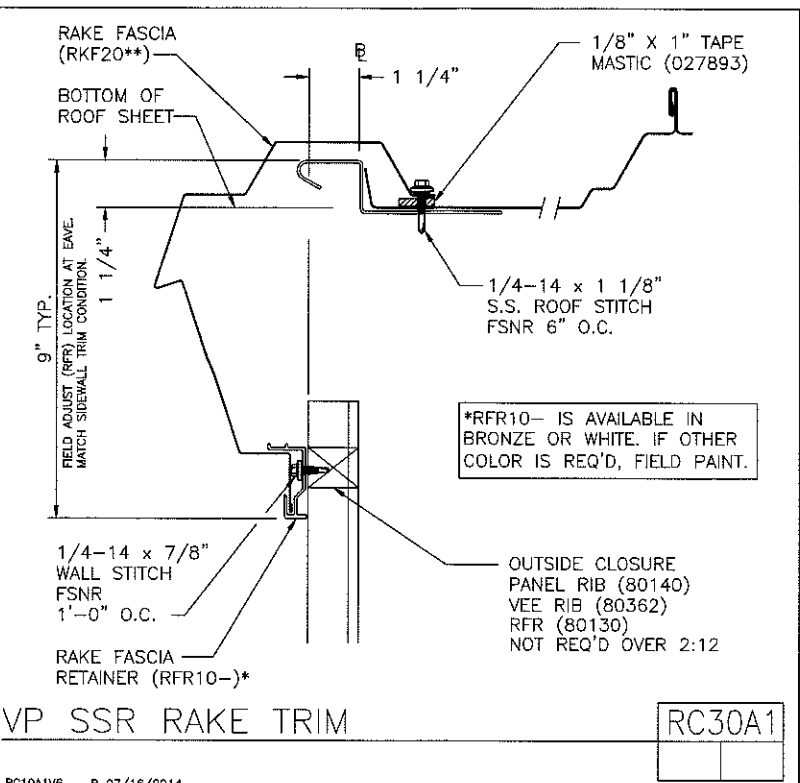
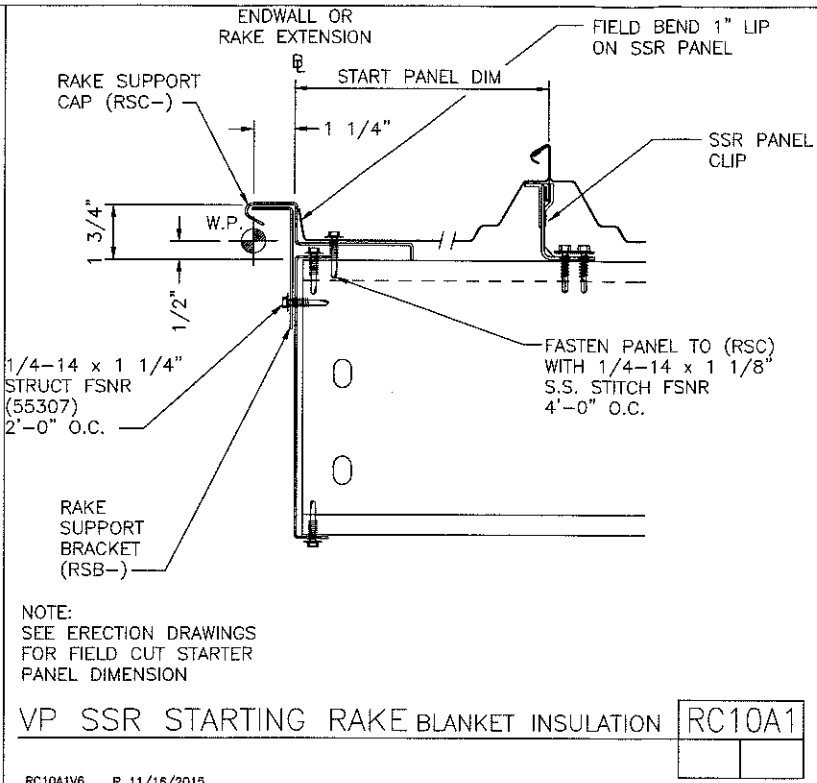
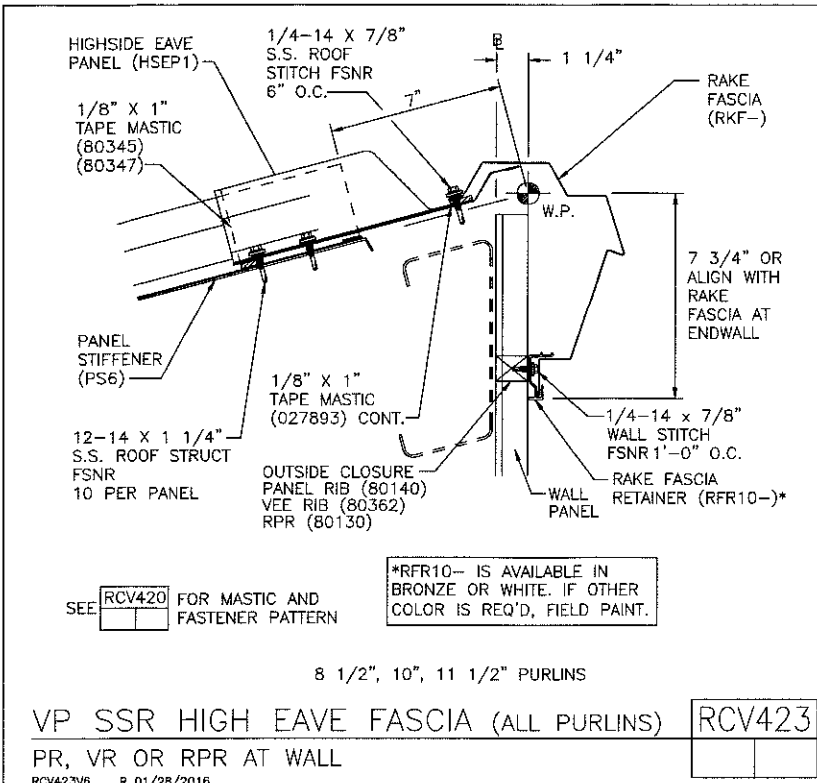
REV.	DATE	BY	DESCRIPTION

VP SSR PANEL (24" WIDE x 24/22 GA. STEEL)

BUILDER	CUSTOMER
LOCATION	PROJECT
BUILDERS POF#	



DRAWING NO.	FLVPSSR1
DATE	09/01/09
DRAWN/CHECK	TIL / ATS
PAGE	5 OF 7



PRODUCT REVISED as complying with the Florida Building Code Acceptance No 16-0802-07 Expiration Date 11/10/2021 By *[Signature]* Miami Dade Product Control

LARRY L. BOOZER, P.E. No. 44236 VP BUILDINGS, INC. 7031 ALBERT PICK RD., SUITE 200 GREENSBORO, NC 27409

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REV	DATE	BY	DESCRIPTION

NTS

VP SSR PANEL (24" WIDE x 24 GA./ 22 GA. STEEL)			
BUILDER	CUSTOMER	LOCATION	PROJECT
BUILDERS PO#			

DRAWING NO. FLVPSSR1 DATE 09/01/09 DRAWN/CHECK TML / MTS PAGE 7 OF 7